synthesizing processing in association with said time spatial parameter.

--42. (Amended) A method of producing a second parallax image string by executing a synthesizing process on a first parallax image string including a plurality of image data each containing parallax information, comprising the steps of:

processing a plurality of different parallax image strings having an identical time spatial parameter indicative of one of time and spatial information there between as an object of synthetic operation ;and

outputting said another parallax image string produced by said processing in association with said time spatial parameter.

## REMARKS

Claims 1-42 remain in the application and claims 1,6,11,19,21,26-29,31,39,41 and 42 have been amended hereby.

As will be noted from the Declaration, Applicants are citizens and residents of Japan and this application originated there.
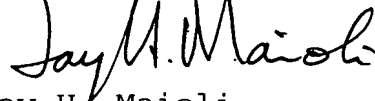
Accordingly, the amendments to the specification are made to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is

earnestly solicited.

Respectfully submitted,

COOPER & DUNHAM

Jay H. Maioli
Reg. No. 27,213

JHM/HYL:nj

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

IN THE CLAIMS

Claims 1-42 remain in the application and claims 1-3,6,7,9,11,12,14,17,19,21,22,25,27-32,34-37,39-42 have been amended hereby.

--1. (Amended) An imaging device for forming a parallax image string including a plurality of image data containing information by capturing images of an object, comprising:

a controller for enabling [to] the capture of the images of said object while moving a viewing point of said imaging device based on [the basis of] a time spatial parameter indicative of one of time [and/or] and spatial information that is supplied from outside and is necessary at [the] a time of imaging[,] and [to form] forming said parallax image string.

--2. (Amended) The imaging device according to claim 1, further comprising:

a storage device for storing [various] time spatial parameters interconnected via a network, wherein

said controller reads out a first time spatial parameter required at the time of imaging from said various time spatial parameters stored in said storage device.

--3. (Amended) The imaging device according to claim 2, wherein said controller causes said parallax image string of

captured images and said first time spatial parameter corresponding thereto to be supplied to said storage device and stored therein [in association there between].

--6. (Amended) The imaging device according to claim 5, wherein said controller controls [to record] <u>recording of</u> a parallax image string of captured images and the first time spatial parameter corresponding thereto on said recording medium.

--7. (Amended) The imaging device according to claim 6, wherein said parallax image string and said first time spatial parameter corresponding thereto recorded on said recording medium by [means of] said controller are supplied to a holographic stereogram producing device for producing a holographic stereogram so as to be used as a second time spatial parameter [which is] required at [the] <u>a</u> time of producing said holographic stereogram.

--9. (Amended) The imaging device according to claim 8 wherein said time spatial parameter comprises an imaging time, an imaging angle, an imaging distance indicative of a positional relation between an image capturing point and the object, <u>and one of</u> a translation motion distance [and/or] <u>and</u> an imaging pitch.

--11. (Amended) A method of imaging [of] an object using an imaging device for forming a parallax image string including a plurality of image data containing parallax information,

13

comprising the steps of:

capturing images of said object while moving a viewing point of said image capturing device in a direction of translation motion <u>based</u> on [the basis of] a time spatial parameter indicative of <u>one of</u> time [and/or] <u>and</u> spatial information, said time spatial parameter being read [in] from outside as required at [the] <u>a</u> time of image capturing; and

forming said parallax image string.

--12.    (Amended) The method of imaging according to claim 11, wherein said imaging device is interconnected to a storage device for storing [various] time spatial parameters via a network, comprising the steps of:

reading first time spatial parameter from said various time spatial parameters stored in said storage device[, which becomes necessary] at [the] <u>a</u> time of image capturing; and

supplying said first time spatial parameter to said imaging device.

--14. (Amended) The method of imaging according to claim 13, comprising the steps of:

supplying said parallax image string and said first time spatial parameter corresponding thereto, having been supplied from said imaging device to said storage device and having been stored therein, to a holographic stereogram producing device for producing a holographic stereogram; and

using said first time spatial parameter supplied as a second

14

time spatial parameter required at [the] a time of producing said holographic stereogram.

--17. (Amended) The method of imaging according to claim 16, comprising the steps of:

supplying said parallax image string and said first time spatial parameter corresponding thereto recorded on said recording medium to a holographic stereogram producing device for producing a holographic stereogram; and

using said first time spatial parameter as a second time spatial parameter required a [the] a time of producing said holographic stereogram.

--19. (Amended) The method of imaging according to claim 18, wherein said time spatial parameter comprises an imaging timing of said imaging device, an imaging angle, an [imaging] image distance indicative of a positional relation between an image capturing point thereof and said object, and one of a distance of translation motion [and/or] and an imaging pitch thereof.

--21. (Amended) An image producing device for producing a parallax image string including a plurality of computer graphics data containing parallax information, comprising a controller for enabling [to] capture of images of an object while moving a viewing point of a virtual imaging device based on [the basis of]

a time spatial parameter indicative of <u>one of</u> pieces of time [and/or] <u>and</u> spatial information, said time spatial parameter being read from external and [needed] <u>supplied</u> at [the] <u>a</u> time of forming an image[,] and [accordingly to produce] <u>producing</u> said parallax image string <u>thereof</u>.

--22. (Amended) The image producing device according to claim 21, comprising a storage device for storing various time spatial parameters, interconnected therewith via a network, wherein said controller reads out a first time spatial parameter from said [various] time spatial parameters stored in said storage device, said first time spatial parameter being required at [the] <u>a</u> time of producing an image.

--25. (Amended) The image producing device according to claim 21, wherein said controller reads out a first time spatial parameter required at [the] <u>a</u> time of producing the image from said [various] time spatial parameters stored in a recording medium loaded in said image producing device.

--27. (Amended) The image producing device according to claim 26 wherein said parallax image string and said time spatial parameter corresponding thereto recorded on said recording medium [in association therebetween] are supplied under control of said controller to a holographic stereogram producing device for producing a holographic stereogram in which said first time spatial parameter is used as a second time spatial parameter

16

required at [the] a time of producing said holographic stereogram.

--28. (Amended) The image producing device according to claim 21, wherein said time spatial parameter comprises pieces of information [indicative of] indicating imaging conditions of said virtual imaging device.

--29. (Amended) The image producing device according to claim 28, wherein said time spatial parameter comprises an imaging timing of said virtual imaging device, an [imaging] image angle, an imaging distance indicative of a positional relation between an image capture point thereof and said object, and one of a translation motion distance [and/or] and an imaging pitch thereof.

--30. (Amended) The image producing device according to claim 21, wherein said parallax image string comprises one of motion picture image data and a plurality of 2-dimensional still picture image data.

--31. (Amended) A method of imaging for forming a parallax image string including a plurality of computer graphics data containing parallax information, comprising the steps of:

capturing images of an object while moving a viewing point of a virtual imaging device on the basis of a time spatial parameter [indicative] indicating one of time [and/or] and

spatial information, said time spatial parameter being supplied from outside and required at [the] a time of forming an image; and

forming said parallax image string.

--32. (Amended) The method of imaging according to claim 31, further including a storage device for storing [various] time spatial parameters interconnected via a network, wherein the method further comprises the step of reading out a first time spatial parameter required at the time of forming an image from said various time spatial parameters stored in said storage device.

--34. (Amended) The method of imaging according to claim 33, further comprising the steps of: supplying said·parallax image string and said first time spatial parameter corresponding thereto stored in said storage device to [the] a holographic stereogram producing device; and producing a holographic stereogram using said first time spatial parameter as a second time spatial parameter required at [the] a time of producing said holographic stereogram.

--35. (Amended) The method of imaging according to claim 31, further comprising the step of reading out a first time spatial parameter required for forming images from [said various] time spatial parameters recorded on a recording medium.

--36. (Amended)  The method of imaging according to claim 35, comprising the step of recording [a] the parallax image string [produced] and the first time spatial parameter corresponding thereto on said recording medium.

--37. (Amended)  The method of imaging according to claim 36, comprising the steps of:

supplying the parallax image string and said first time spatial parameter corresponding thereto recorded on said recording medium to [the] a holographic stereogram producing device; and

using said first time spatial parameter as a second time spatial parameter required at [the] a time of producing a holographic stereogram.

--39. (Amended) The method of imaging according to claim 38, wherein said time spatial parameter comprises: an [imaging] image timing of said virtual imaging device; an imaging angle; an imaging distance [indicative of] indicating a positional relation between an imaging point of said virtual imaging device and said object; and one of a distance of translation motion of said virtual imaging device [and/or] and imaging pitch thereof.

--40. (Amended)  The method of imaging according to claim 31, wherein said parallax image string comprises one of motion picture image data and a plurality of 2-dimensional still picture image data.

19

--41. (Amended) An image producing device for producing another parallax image string by executing a synthesizing [processing] process on a parallax image string including a plurality of image data each containing parallax information, comprising a controller for enabling a plurality of different parallax image strings having an identical time spatial parameter [indicative] indicating one of time [and/or] and spatial information there between to be addressed [to] as an object of synthetic operation, and outputting said another parallax image string produced by said synthesizing processing in association with said time spatial parameter.

--42. (Amended) A method of producing [another] a second parallax image string by executing a synthesizing [processing] process on a first parallax image string including a plurality of image data each containing parallax information, comprising the steps of:

processing a plurality of different parallax image strings having an identical time spatial parameter indicative of one of time [and/or] and spatial information there between as an object of synthetic operation[,] ;and

outputting said another parallax image string produced by said [synthesizing] processing in association with said time spatial parameter.